

Java Based Information Exchange Process and System Thereof

Abstract of Disclosure

A method and system for remote data acquisition and processing, remote device control and configuration, information sharing between multiple devices (instruments and facilities), and remote device maintenance and upgrading. In fact, the networked devices (instruments and facilities) can be turned into nodes of information source in the Internet, and the information accumulated by these devices (instruments and facilities) is accessible to commercial applications via the Internet. Under this innovative structure each device (instrument and facility) supports the unique interface: Java. All functional modules take the form of a Java class, and are highly modularized. By downloading the latest functional module from the manufacturer's web site, the function of a device (instrument and facility) can be easily upgraded or bugs fixed.